

**RECEIVED
CENTRAL FAX CENTER**

NOV 08 2004

MORRISON & FOERSTER LLP

Attorneys at Law
3811 Valley Centre Drive
Suite 500
San Diego, California 92130-2332
Telephone: (858) 720-5100
Facsimile: (858) 720-5125

**To: U.S. Patent and Trademark Office
MS AF**

Facsimile: (703) 872-9306

From: Karen R. Zachow, Ph.D. - Reg. No. 46,332

Date: November 8, 2004

We are transmitting a total of 10 pages (including this page).
Original or hard copy to follow if this box is checked ☐.

If you do not receive all pages, please call (858) 720-7972 as soon as possible.

Preparer of this slip has confirmed that facsimile number given is correct: 10598/glyl

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (858) 720-7972 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

Comments:

ATTORNEY DOCKET: 220002059710
GROUP ART UNIT: 1654
EXAMINER: A. Gupta
SERIAL NO.: 09/822,965
FILING DATE: March 29, 2001
INVENTOR(S): Thomas INNERARITY et al.
TITLE: METHODS AND TOOLS FOR IDENTIFYING COMPOUNDS WHICH
MODULATE ATHEROSCLEROSIS BY IMPACTING LDL-
PROTEOGLYCAN BINDING

Papers Attached:

1. Transmittal (1 page)
2. Fee Transmittal (1 page + duplicate for fee processing)
3. Supplemental Amendment After Final Action (5 pages)
4. Petition for Extension of Time (1 page)

**RECEIVED
CENTRAL FAX CENTER**

NOV 08 2004


PTO/SB/21 (04-04)


Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>		Application Number	09/822,965
		Filing Date	March 29, 2001
		First Named Inventor	Thomas INNERARITY
		Art Unit	1654
		Examiner Name	A. Gupta
Total Number of Pages in This Submission	10	Attorney Docket Number	220002059710

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 page + duplicate for fee processing) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (5 pages) <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (1 page) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Facsimile coversheet (1 page)
Remarks Customer No. 25225		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	MORRISON & FOERSTER LLP Karen Zachow, Ph.D. - 46,332	
Signature		
Date	November 8, 2004	

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office at (703) 872-8306, on the date shown below.	
Dated: November 8, 2004	Signature:  (Grace Yu)

sd-229681

PTO/SB/17 (10-04)

Approved for use through 7/31/2008. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005		Complete if Known																																																																																																																																																																																													
<small>Effective 10/01/2004. Patent fees are subject to annual revision.</small>		Application Number	09/822,865																																																																																																																																																																																												
		Filing Date	March 29, 2001																																																																																																																																																																																												
		First Named Inventor	Thomas INNERARITY																																																																																																																																																																																												
		Examiner Name	A. Gupta																																																																																																																																																																																												
		Art Unit	1654																																																																																																																																																																																												
		Attorney Docket No.	220002059710																																																																																																																																																																																												
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27																																																																																																																																																																																															
TOTAL AMOUNT OF PAYMENT (\$) 435.00																																																																																																																																																																																															
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																													
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 03-1952 Deposit Account Name: Morrison & Foerster LLP The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>120</td><td>2051</td><td>55</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>430</td><td>2252</td><td>215</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>890</td><td>2253</td><td>450</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,530</td><td>2254</td><td>785</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,080</td><td>2255</td><td>1,040</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>340</td><td>2401</td><td>170</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>340</td><td>2402</td><td>170</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>300</td><td>2403</td><td>150</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,370</td><td>2501</td><td>685</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>480</td><td>2502</td><td>245</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>680</td><td>2503</td><td>330</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1907</td><td>50</td><td>1907</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1906</td><td>180</td><td>1906</td><td>180</td><td>Submission of Information Disclosure Stmt.</td><td></td></tr> <tr><td>9021</td><td>40</td><td>9021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>780</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.128(a))</td><td></td></tr> <tr><td>1810</td><td>780</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>780</td><td>2801</td><td>395</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify): 2253 Three month extension of time (minus one month previously paid \$490.00 - \$55.00)</td><td>435.00</td></tr> <tr> <td colspan="4">Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$) 435.00</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1051	120	2051	55	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	430	2252	215	Extension for reply within second month		1253	890	2253	450	Extension for reply within third month		1254	1,530	2254	785	Extension for reply within fourth month		1255	2,080	2255	1,040	Extension for reply within fifth month		1401	340	2401	170	Notice of Appeal		1402	340	2402	170	Filing a brief in support of an appeal		1403	300	2403	150	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,370	2501	685	Utility issue fee (or reissue)		1502	480	2502	245	Design issue fee		1503	680	2503	330	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1907	50	1907	50	Processing fee under 37 CFR 1.17(q)		1906	180	1906	180	Submission of Information Disclosure Stmt.		9021	40	9021	40	Recording each patent assignment per property (times number of properties)		1809	780	2809	395	Filing a submission after final rejection (37 CFR 1.128(a))		1810	780	2810	395	For each additional invention to be examined (37 CFR 1.129(b))		1801	780	2801	395	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify): 2253 Three month extension of time (minus one month previously paid \$490.00 - \$55.00)				435.00	Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$) 435.00
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																												
1051	120	2051	55	Surcharge - late filing fee or oath																																																																																																																																																																																											
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																											
1053	130	1053	130	Non-English specification																																																																																																																																																																																											
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																											
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																											
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																											
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																											
1252	430	2252	215	Extension for reply within second month																																																																																																																																																																																											
1253	890	2253	450	Extension for reply within third month																																																																																																																																																																																											
1254	1,530	2254	785	Extension for reply within fourth month																																																																																																																																																																																											
1255	2,080	2255	1,040	Extension for reply within fifth month																																																																																																																																																																																											
1401	340	2401	170	Notice of Appeal																																																																																																																																																																																											
1402	340	2402	170	Filing a brief in support of an appeal																																																																																																																																																																																											
1403	300	2403	150	Request for oral hearing																																																																																																																																																																																											
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																											
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																											
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																											
1501	1,370	2501	685	Utility issue fee (or reissue)																																																																																																																																																																																											
1502	480	2502	245	Design issue fee																																																																																																																																																																																											
1503	680	2503	330	Plant issue fee																																																																																																																																																																																											
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																											
1907	50	1907	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																											
1906	180	1906	180	Submission of Information Disclosure Stmt.																																																																																																																																																																																											
9021	40	9021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																											
1809	780	2809	395	Filing a submission after final rejection (37 CFR 1.128(a))																																																																																																																																																																																											
1810	780	2810	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																											
1801	780	2801	395	Request for Continued Examination (RCE)																																																																																																																																																																																											
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																											
Other fee (specify): 2253 Three month extension of time (minus one month previously paid \$490.00 - \$55.00)				435.00																																																																																																																																																																																											
Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$) 435.00																																																																																																																																																																																											
FEE CALCULATION																																																																																																																																																																																															
1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>790</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>350</td><td>2002</td><td>175</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>550</td><td>2003</td><td>275</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>790</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (1) (\$)</td> <td>0.00</td> </tr> </tbody> </table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1001	790	2001	385	Utility filing fee		1002	350	2002	175	Design filing fee		1003	550	2003	275	Plant filing fee		1004	790	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1) (\$)				0.00																																																																																																																																																	
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																												
1001	790	2001	385	Utility filing fee																																																																																																																																																																																											
1002	350	2002	175	Design filing fee																																																																																																																																																																																											
1003	550	2003	275	Plant filing fee																																																																																																																																																																																											
1004	790	2004	385	Reissue filing fee																																																																																																																																																																																											
1005	160	2005	80	Provisional filing fee																																																																																																																																																																																											
SUBTOTAL (1) (\$)				0.00																																																																																																																																																																																											
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Independent Claims</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>88</td><td>2201</td><td>44</td><td>Independent claims in excess of 2</td><td></td></tr> <tr><td>1203</td><td>300</td><td>2203</td><td>150</td><td>Multiple dependent claims, if not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>44</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (2) (\$)</td> <td>0.00</td> </tr> </tbody> </table>		Total Claims		Extra Claims	Fee from below	Fee Paid	Independent Claims					Multiple Dependent					Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1202	18	2202	9	Claims in excess of 20		1201	88	2201	44	Independent claims in excess of 2		1203	300	2203	150	Multiple dependent claims, if not paid		1204	88	2204	44	Reissue independent claims over original patent		1205	18	2205	9	Reissue claims in excess of 20 and over original patent		SUBTOTAL (2) (\$)				0.00																																																																																																																																		
Total Claims		Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																											
Independent Claims																																																																																																																																																																																															
Multiple Dependent																																																																																																																																																																																															
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																												
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																											
1201	88	2201	44	Independent claims in excess of 2																																																																																																																																																																																											
1203	300	2203	150	Multiple dependent claims, if not paid																																																																																																																																																																																											
1204	88	2204	44	Reissue independent claims over original patent																																																																																																																																																																																											
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																											
SUBTOTAL (2) (\$)				0.00																																																																																																																																																																																											
<small>*or number previously paid, if greater; For Reissues, see above</small>																																																																																																																																																																																															
SUBMITTED BY		(Complete if applicable)																																																																																																																																																																																													
Name (Print/Type)	Karen Zachow, Ph.D.	Registration No. (Attorney/Agent)	46,332																																																																																																																																																																																												
Signature	<i>Karen R Zachow</i>	Telephone	(858) 720-5191																																																																																																																																																																																												
		Date	November 8, 2004																																																																																																																																																																																												

sd-229863

PTO/SB/17 (10-04)

Approved for use through 7/31/2005. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005		Complete if Known																																																																																																																																																																																																																																																																																													
<small>Effective 10/01/2004. Patent fees are subject to annual revision.</small>		Application Number	09/822,965																																																																																																																																																																																																																																																																																												
		Filing Date	March 29, 2001																																																																																																																																																																																																																																																																																												
		First Named Inventor	Thomas INNERARITY																																																																																																																																																																																																																																																																																												
		Examiner Name	A. Gupta																																																																																																																																																																																																																																																																																												
		Art Unit	1654																																																																																																																																																																																																																																																																																												
		Attorney Docket No.	220002059710																																																																																																																																																																																																																																																																																												
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27																																																																																																																																																																																																																																																																																															
TOTAL AMOUNT OF PAYMENT (\$)		435.00																																																																																																																																																																																																																																																																																													
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																													
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 03-1952 Deposit Account Name: Morrison & Foerster LLP The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>85</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>820*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>430</td><td>2252</td><td>215</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>980</td><td>2253</td><td>490</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,530</td><td>2254</td><td>765</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,080</td><td>2255</td><td>1,040</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>340</td><td>2401</td><td>170</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>340</td><td>2402</td><td>170</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>300</td><td>2403</td><td>150</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,370</td><td>2501</td><td>685</td><td>Utility issue fee (or retax)</td><td></td></tr> <tr><td>1502</td><td>490</td><td>2502</td><td>245</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>680</td><td>2503</td><td>340</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(d)</td><td></td></tr> <tr><td>1809</td><td>180</td><td>1809</td><td>180</td><td>Submission of Information Disclosure Sheet</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(e))</td><td></td></tr> <tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td>Other fee (specify)</td><td>2253</td><td></td><td></td><td>Three month extension of time (minus one month previously paid \$490.00 + \$55.00)</td><td>435.00</td></tr> <tr> <td colspan="2" style="text-align: right;">SubTOTAL (1) (\$)</td> <td colspan="2" style="text-align: right;">SubTOTAL (3) (\$)</td> </tr> <tr> <td colspan="2" style="text-align: right;">0.00</td> <td colspan="2" style="text-align: right;">435.00</td> </tr> <tr> <td colspan="2"> 1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>790</td><td>2001</td><td>395</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>350</td><td>2002</td><td>175</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>550</td><td>2003</td><td>275</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>790</td><td>2004</td><td>395</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>180</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">SubTOTAL (1) (\$)</td> <td colspan="2" style="text-align: right;">SubTOTAL (2) (\$)</td> <td colspan="2" style="text-align: right;">0.00</td> </tr> </tbody> </table> </td> <td colspan="2"></td> </tr> <tr> <td colspan="2"> 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>88</td><td>2201</td><td>44</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>300</td><td>2203</td><td>150</td><td>Multiple dependent claims, if not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>44</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">SubTOTAL (2) (\$)</td> <td colspan="2" style="text-align: right;">SubTOTAL (3) (\$)</td> <td colspan="2" style="text-align: right;">0.00</td> </tr> </tbody> </table> </td> <td colspan="2"></td> </tr> <tr> <td colspan="2"> SUBMITTED BY Name (Print/Type) Karen Zachow, Ph.D. Signature <i>Karen R Zachow</i> Registration No. (Attorney/Agent) 46,332 Telephone (858) 720-5191 Date November 8, 2004 </td> <td colspan="2"> *Reduced by Basic Filing Fee Paid SubTOTAL (3) (\$) 435.00 </td> </tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	85	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	820*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	430	2252	215	Extension for reply within second month		1253	980	2253	490	Extension for reply within third month		1254	1,530	2254	765	Extension for reply within fourth month		1255	2,080	2255	1,040	Extension for reply within fifth month		1401	340	2401	170	Notice of Appeal		1402	340	2402	170	Filing a brief in support of an appeal		1403	300	2403	150	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,370	2501	685	Utility issue fee (or retax)		1502	490	2502	245	Design issue fee		1503	680	2503	340	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(d)		1809	180	1809	180	Submission of Information Disclosure Sheet		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(e))		1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))		1801	790	2801	395	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify)	2253			Three month extension of time (minus one month previously paid \$490.00 + \$55.00)	435.00	SubTOTAL (1) (\$)		SubTOTAL (3) (\$)		0.00		435.00		1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>790</td><td>2001</td><td>395</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>350</td><td>2002</td><td>175</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>550</td><td>2003</td><td>275</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>790</td><td>2004</td><td>395</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>180</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">SubTOTAL (1) (\$)</td> <td colspan="2" style="text-align: right;">SubTOTAL (2) (\$)</td> <td colspan="2" style="text-align: right;">0.00</td> </tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1001	790	2001	395	Utility filing fee		1002	350	2002	175	Design filing fee		1003	550	2003	275	Plant filing fee		1004	790	2004	395	Reissue filing fee		1005	180	2005	80	Provisional filing fee		SubTOTAL (1) (\$)		SubTOTAL (2) (\$)		0.00				2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>88</td><td>2201</td><td>44</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>300</td><td>2203</td><td>150</td><td>Multiple dependent claims, if not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>44</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">SubTOTAL (2) (\$)</td> <td colspan="2" style="text-align: right;">SubTOTAL (3) (\$)</td> <td colspan="2" style="text-align: right;">0.00</td> </tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1202	18	2202	9	Claims in excess of 20		1201	88	2201	44	Independent claims in excess of 3		1203	300	2203	150	Multiple dependent claims, if not paid		1204	88	2204	44	Reissue independent claims over original patent		1205	18	2205	9	Reissue claims in excess of 20 and over original patent		SubTOTAL (2) (\$)		SubTOTAL (3) (\$)		0.00				SUBMITTED BY Name (Print/Type) Karen Zachow, Ph.D. Signature <i>Karen R Zachow</i> Registration No. (Attorney/Agent) 46,332 Telephone (858) 720-5191 Date November 8, 2004		*Reduced by Basic Filing Fee Paid SubTOTAL (3) (\$) 435.00	
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																										
1051	130	2051	85	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																											
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																											
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																																																																																											
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																																																																																											
1804	920*	1804	820*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																											
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																											
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																																																																											
1252	430	2252	215	Extension for reply within second month																																																																																																																																																																																																																																																																																											
1253	980	2253	490	Extension for reply within third month																																																																																																																																																																																																																																																																																											
1254	1,530	2254	765	Extension for reply within fourth month																																																																																																																																																																																																																																																																																											
1255	2,080	2255	1,040	Extension for reply within fifth month																																																																																																																																																																																																																																																																																											
1401	340	2401	170	Notice of Appeal																																																																																																																																																																																																																																																																																											
1402	340	2402	170	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																											
1403	300	2403	150	Request for oral hearing																																																																																																																																																																																																																																																																																											
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																											
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																											
1453	1,330	2453	665	Petition to revive - unintentional																																																																																																																																																																																																																																																																																											
1501	1,370	2501	685	Utility issue fee (or retax)																																																																																																																																																																																																																																																																																											
1502	490	2502	245	Design issue fee																																																																																																																																																																																																																																																																																											
1503	680	2503	340	Plant issue fee																																																																																																																																																																																																																																																																																											
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																											
1807	50	1807	50	Processing fee under 37 CFR 1.17(d)																																																																																																																																																																																																																																																																																											
1809	180	1809	180	Submission of Information Disclosure Sheet																																																																																																																																																																																																																																																																																											
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																											
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(e))																																																																																																																																																																																																																																																																																											
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																											
1801	790	2801	395	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																											
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																											
Other fee (specify)	2253			Three month extension of time (minus one month previously paid \$490.00 + \$55.00)	435.00																																																																																																																																																																																																																																																																																										
SubTOTAL (1) (\$)		SubTOTAL (3) (\$)																																																																																																																																																																																																																																																																																													
0.00		435.00																																																																																																																																																																																																																																																																																													
1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>790</td><td>2001</td><td>395</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>350</td><td>2002</td><td>175</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>550</td><td>2003</td><td>275</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>790</td><td>2004</td><td>395</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>180</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">SubTOTAL (1) (\$)</td> <td colspan="2" style="text-align: right;">SubTOTAL (2) (\$)</td> <td colspan="2" style="text-align: right;">0.00</td> </tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1001	790	2001	395	Utility filing fee		1002	350	2002	175	Design filing fee		1003	550	2003	275	Plant filing fee		1004	790	2004	395	Reissue filing fee		1005	180	2005	80	Provisional filing fee		SubTOTAL (1) (\$)		SubTOTAL (2) (\$)		0.00																																																																																																																																																																																																																																																					
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																										
1001	790	2001	395	Utility filing fee																																																																																																																																																																																																																																																																																											
1002	350	2002	175	Design filing fee																																																																																																																																																																																																																																																																																											
1003	550	2003	275	Plant filing fee																																																																																																																																																																																																																																																																																											
1004	790	2004	395	Reissue filing fee																																																																																																																																																																																																																																																																																											
1005	180	2005	80	Provisional filing fee																																																																																																																																																																																																																																																																																											
SubTOTAL (1) (\$)		SubTOTAL (2) (\$)		0.00																																																																																																																																																																																																																																																																																											
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>1201</td><td>88</td><td>2201</td><td>44</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>1203</td><td>300</td><td>2203</td><td>150</td><td>Multiple dependent claims, if not paid</td><td></td></tr> <tr><td>1204</td><td>88</td><td>2204</td><td>44</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="2" style="text-align: right;">SubTOTAL (2) (\$)</td> <td colspan="2" style="text-align: right;">SubTOTAL (3) (\$)</td> <td colspan="2" style="text-align: right;">0.00</td> </tr> </tbody> </table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1202	18	2202	9	Claims in excess of 20		1201	88	2201	44	Independent claims in excess of 3		1203	300	2203	150	Multiple dependent claims, if not paid		1204	88	2204	44	Reissue independent claims over original patent		1205	18	2205	9	Reissue claims in excess of 20 and over original patent		SubTOTAL (2) (\$)		SubTOTAL (3) (\$)		0.00																																																																																																																																																																																																																																																					
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																										
1202	18	2202	9	Claims in excess of 20																																																																																																																																																																																																																																																																																											
1201	88	2201	44	Independent claims in excess of 3																																																																																																																																																																																																																																																																																											
1203	300	2203	150	Multiple dependent claims, if not paid																																																																																																																																																																																																																																																																																											
1204	88	2204	44	Reissue independent claims over original patent																																																																																																																																																																																																																																																																																											
1205	18	2205	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																											
SubTOTAL (2) (\$)		SubTOTAL (3) (\$)		0.00																																																																																																																																																																																																																																																																																											
SUBMITTED BY Name (Print/Type) Karen Zachow, Ph.D. Signature <i>Karen R Zachow</i> Registration No. (Attorney/Agent) 46,332 Telephone (858) 720-5191 Date November 8, 2004		*Reduced by Basic Filing Fee Paid SubTOTAL (3) (\$) 435.00																																																																																																																																																																																																																																																																																													

Duplicate Copy
For Fee Processing

sd-229683